

**ABSTRACT OF THE DISCLOSURE**  
**VIRTUAL COMPUTING ENVIRONMENT**

Method of efficient utilization of a single hardware system with single operating system kernel wherein a virtual environment, functionally equivalent to a full-featured operating system box, is provided to an end user without emulation of hardware, dedicated physical memory or another hardware resource. Such method is realized by  
5 separation of user processes on the level of namespace and on the basis of restrictions implemented inside the operating system kernel. Each virtual environment is invisible to other virtual environments within the system and has a completely independent root file system.